PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PLICANTS : Ryo IGARASHI, Naoki NUMA, Ken NAKAYAMA

& Hiroshi MASUNAGA

SERIAL NO. : 10/621,725 FILED : July 17, 2003

TITLE : CHAIR Group/A.U. : 3636

Examiner

Conf. No. : 1578

Docket No. : P06638us0

INFORMATION DISCLOSURE STATEMENT

Mail Stop Non-Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Attached are Forms PTO/SB/08A and 08B (formerly PTO-1449) listing the relevant art known to Applicant herein. Copies of the listed references are enclosed.

Applicant submits that each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

Applicant submits herewith the patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose. Legible copies of all items listed in Forms PTO/SB/08A and 08B (formerly Form PTO-1449) accompany this information statement.

CERTIFICATE OF MAILING (37 C.F.R. § 1.8(A))

Donald H. Zarley

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Application No. 10/621,725 Filed July 17, 2003 Information Disclosures Statement

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. §197(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

No fees or extensions of time are believed to be due in connection with this Information Disclosure Statement; however, consider this a request for any fees inadvertently omitted, and charge any additional fees to Deposit Account 50-2098.

Respectfully submitted,

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PTO/SB/O8A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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			5/	Filing Date	July 17, 2003
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(use as many sheets as necessary)				Art Unit	3636
				Examiner Name	
Sheet	1	OF	1	Attorney Docket Number	P06638US0

U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*	No.(1)	Number- Kind Code (if known)	MM-DD-YYYY	Applicant of cited Document	Relevant Passages or Relevant Figures Appear	
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FOREIGN PATENT DOCUMENTS							
Examiner	Cite No.(1)	Foreign Patent Document Country Code(3)-Number(4) -Kind Code(5) (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Passages or Relevant Figures Appear.	T(6)	
		JP10165255	06-23-1998	PLUS KK			
		JP10179328	07-07-1998	T S TEC KK; MATSUSHITA ELECTRIC WORKS LTD			
		JP2124063	05-11-1990	SANYO ELECTRIC CO LTD			
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Examiner	Date	
Signature	Considered	

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(1) Applicant's unique citation designation number (optional). (2) See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. (3) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3.) (4) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. (5) Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. (6) Applicant is to place a check mark here if English language Translation is attached Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.